

04-28-05

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APR 26 2005
SCT 10
PATENT

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24319 7590 02/14/2005

LSI LOGIC CORPORATION
 1621 BARBER LANE
 MS: D-106
 MILPITAS, CA 95035

04/29/2005 DEMMANU 00000005 122252 09834013
 Sale Ref: 00000008 DAH: 122252 09834013
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Manu Kashyap	(Depositor's name)
	(Signature)
4/26/2005	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/883,761	06/18/2001	Andrew Popplewell	00-387 1496.00089	2432

TITLE OF INVENTION: METHOD AND APPARATUS FOR ESTIMATION OF ERROR IN DATA RECOVERY SCHEMES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	04/29/2005 DEMMANU 00000009 122252 09883761
EXAMINER	ART UNIT	CLASS-SUBCLASS			
BRITT, CYNTHIA H	2133	01 FC:1501 714-704000	02 FC:1504	1400.00 DA 300.00 DA	05/16/2005

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
 Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Christopher P. Maiorana PC
 2 _____
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

LSI Logic Corporation

Milpitas, California USA

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

Issue Fee
 Publication Fee (No small entity discount permitted)
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 A check in the amount of the fee(s) is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 12-2252 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

 a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature Henry GrothDate 4/26/2005Typed or printed name Henry GrothRegistration No. 39,696

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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APR 26 2005

FEET TRANSMITTALPatent Fees are subject to annual revision on October 1.
These are the fees effective October 1, 1997.Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. 1.27 and 1.28.**TOTAL AMOUNT OF PAYMENT**(\$)1700.00

Complete if Known	
Application Number	09/883,761
Filing Date	June-18, 2001
First Named Inventor	Andrew Popplewell
Group Art Unit	2133
Examiner Name	Cynthia H. Britt
Attorney Docket No.	1496.00089 / 00-387

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																																					
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:</p> <p>Deposit Account Number <u>12-2252</u></p> <p>Deposit Account Number <u>LSI LOGIC CORPORATION</u></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee required Under 37 C.F.R. 1.18 at the Mailing of the Notice of</p> <p>2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Chec <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>		<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr><th>Larg eFee Code (\$)</th><th>Entit yFee Code (\$)</th><th>Larg eFee Code (\$)</th><th>Entit yFee Code (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td><u> </u></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td><u> </u></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td><u> </u></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing request for reexamination</td><td><u> </u></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920</td><td>Requesting publication of SIR prior to Examiner action</td><td><u> </u></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td><u> </u></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td><u> </u></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second mont</td><td><u> </u></td></tr> <tr><td>117</td><td>950</td><td>217</td><td>475</td><td>Extension for reply within third mont</td><td><u> </u></td></tr> <tr><td>118</td><td>1,510</td><td>218</td><td>755</td><td>Extension for reply within fourth mont</td><td><u> </u></td></tr> <tr><td>128</td><td>2,060</td><td>228</td><td>1,030</td><td>Extension for reply within fifth mont</td><td><u> </u></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td><u> </u></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td><u> </u></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearin</td><td><u> </u></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceedin</td><td><u> </u></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - 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Type or printed name	<u>Henry Groth</u>			Reg. Number	<u>39,696</u>																																																																																																																																																																																		
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